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I. The Vena Cava.

KK. Two Veins arising from the middle part which uniting into one, entred the *Vena Cava*.

L. M. A Vein and Artery arising at the Seam (f.) which at last are both inserted into the *Iliac* branches of the *Aorta* and *Vena Cava*.

N.N. The Emulgent Artery of both Kidneys, whose ramifications are not here represented.

O.O. The Emulgent Veins; whereof some are single, others variously ramified.

P.P. *Pelvis* of both Kidneys, that of the left was extream large.

QQ. The two Ureters.

An Anatomical Observation of four Ureters in an Infant, and some remarks on the Glandulæ Renales, made by the same ingenious Person.

Having in the former Observation given some remarks of the unusual Structure of the Kidneys, the Emulgent Veins and *Pelvis*; I shall here add what occurred to me *May 23d. 1679.* upon the opening the Body of an Infant, relating to those parts, particularly of the *Ureters*; which here I found double to both Kidneys, their Origination from the Kidneys being at some distance from each other; but afterwards both of the same side were inclosed in a *Capsula* or Membrane even to the Bladder, where those of the right side were inserted severally, yet near each other, but on the left they seemed to enter at the same Orifice. I have given a Cut of the right Kidney and of both the *Glandulae Renales*, as well to shew their just magnitude and figure (as they appeared in this Body) as also their proportion to each other. As far as I have hitherto observed, the *Glandulae Renales* in Embryo's and Infants are greater, at least proportionably, then *in Adultis*. They have a large Cavity, which by blowing into them I found emptied themselves into two Veins; whereof the right immediately passed into the *Vena Cava*, the left into the Emulgent: besides these they had other lesser ones from the neighbouring Vessels.

Explication

Explication of Fig. 2, Tab. I.

- A. The right Kidney, whose surface seemed to be variously divided.
- B. The Emulgent Vein.
- C. The Emulgent Artery.
- d. d. Two Ureters belonging to this Kidney.

Fig. 3. Represents the two Ureters of the left Kidney, which a little below the Kidney are both inclosed in a common *Cap-sula* or *Cafe*, and so continued to the Bladder.

Fig. 4. Represents the *Glandulae Renales*.

- A. The *Glandula Renalis* of the right side.
- B. — that of the left side.
- C. The *Vena Cava*.
- d. A vein or *ductus* opening from the cavity of this Gland and entering the *Vena Cava*.
- e. A Vein from the left *Glandula Renalis*, and is inserted into a branch of the left Emulgent.

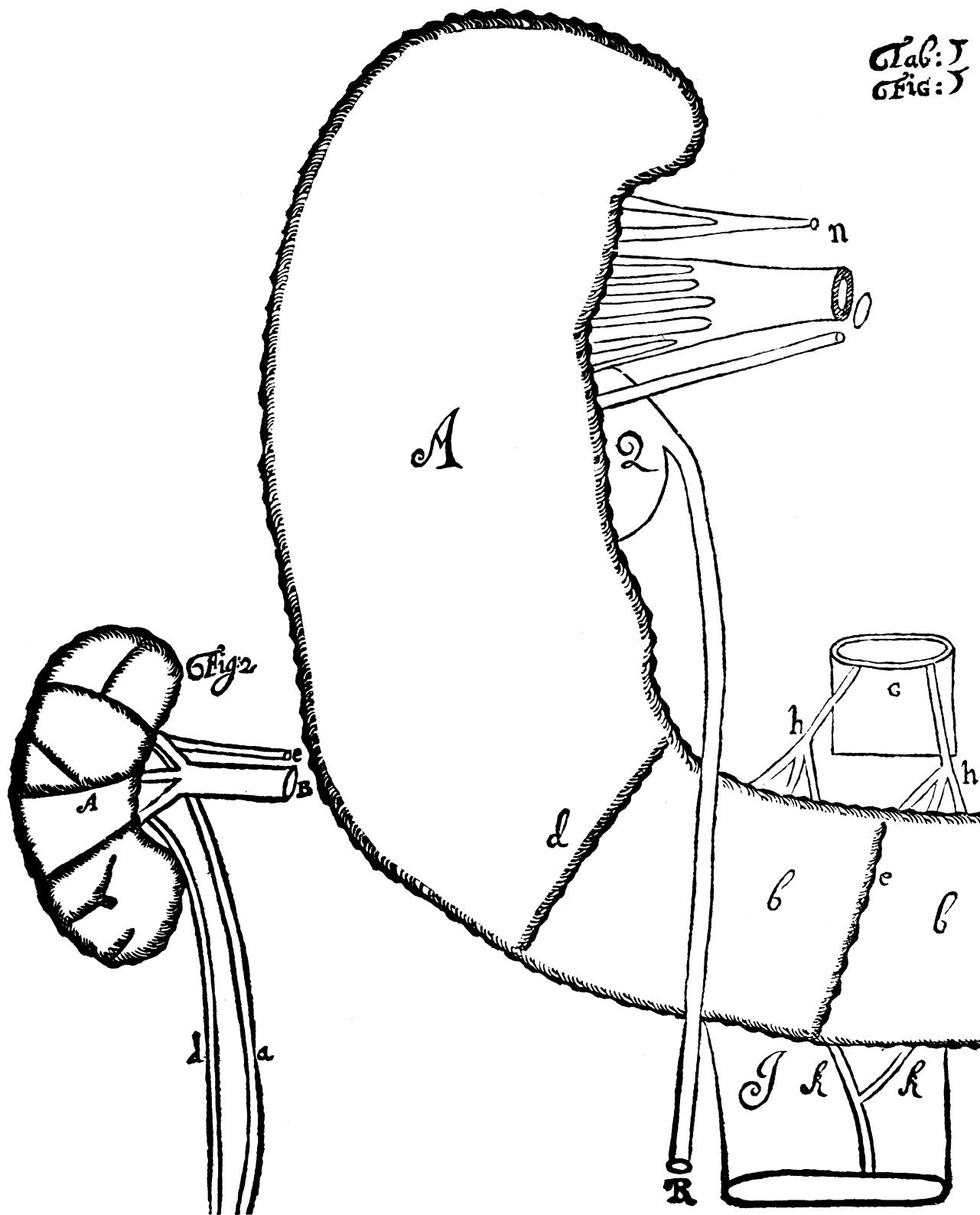
*Observationes D. Anthonii Lewenhoeck, de
Natis è semine genitali Animalculis.*

Nec non Auctoris barum Transactionum Responsa.

Observatoris Epistola Honorable D. D. Vicecomiti Brouncker,
Latinè conscripta; Dat. Nov, 1677. quam ipsissimis hac
transmissis verbis inferendam Auctor censuit.

Nobilissimè Vir,

Ultima ad Vestram Nobilitatem data litteræ præteriti
mensis decimo sexto, quamvis jam Nob. Vestrae utilissima
negotia non interrumpere, animo proposuram, antequam certo
scirem



Tab: 5
Fig: 5



6



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Tab 2

A

Fig. 4

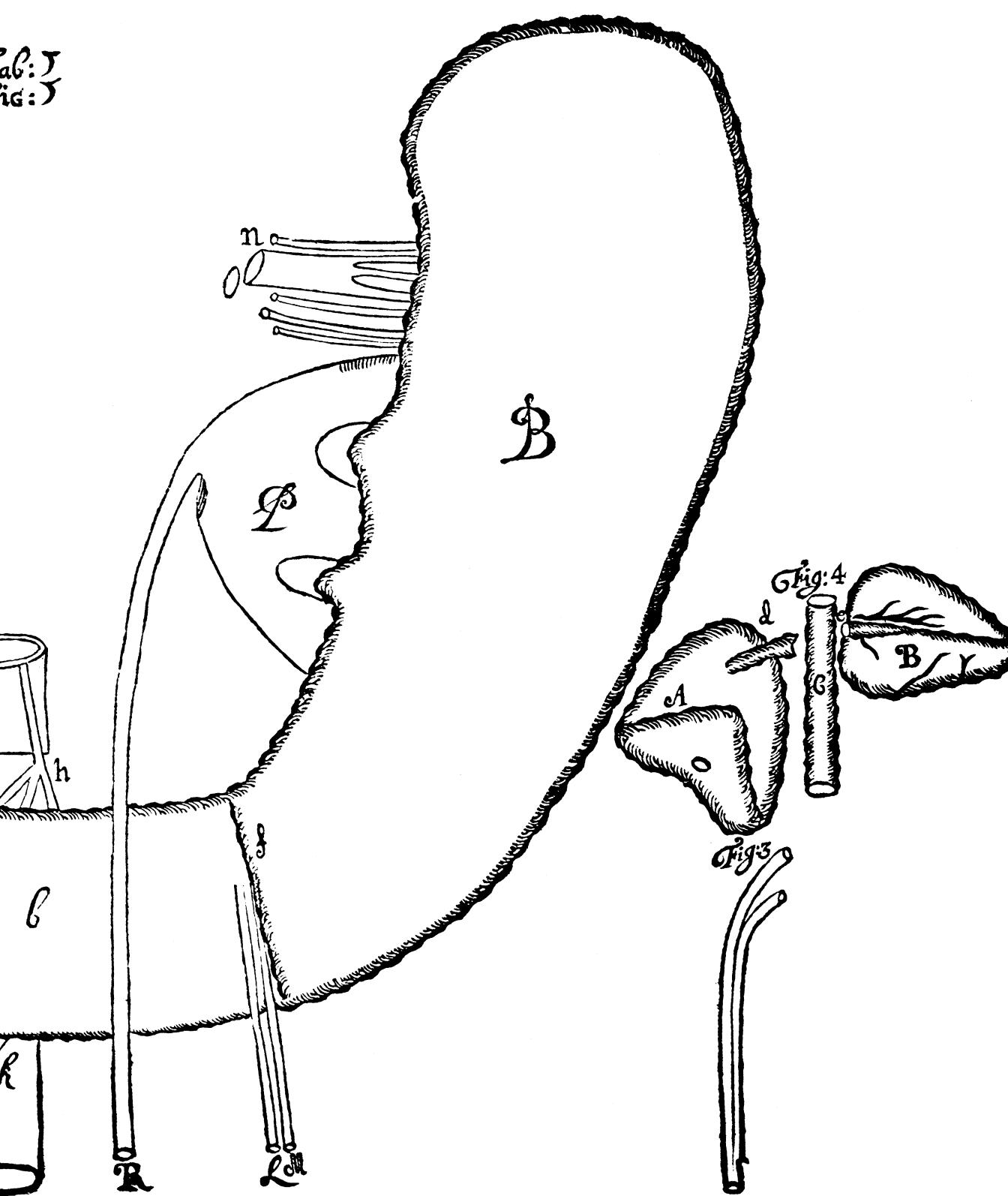
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2

Fig. 1

8

1





1 6 Fig:5 r

